LIQUID CRYSTAL DISPLAY DEVICE, SPECIALLY, FOR FORMING COLOR IMAGE DISPLAY SCREEN

Publication number: JP10301508

Publication date: 1998-11-13

Inventor: KIPFER PETER; HERZIG HANS-PETER; KLAPPERT ROLF; GRUPP JOACHIM

Applicant: ASULAB SA

Classification:

- international: *G09F9/35; G02F1/137; G02F1/1335;* G09F9/35; G02F1/13; (IPC1-7): G09F9/35; G09F9/35

- European: G02F1/137C

Application number: JP19980107391 19980417

Priority number(s): EP19970106355 19970417

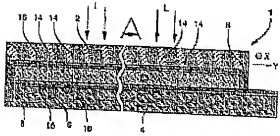
Also published as:

- EP0872759 (A1)
- US6005654 (A1)
- CN1201157 (A)
- EP0872759 (B1)
- CN1108537C (C)

Report a data error here

Abstract of JP10301508

PROBLEM TO BE SOLVED: To obtain the display device which can display graphical symbols or an image in colors of high quality and also display red of high purity by proving a filter which absorbs wavelength close to specific wavelength except the wavelength of a predetermined color and arranging the filter on the observer side about a liquid crystal film. SOLUTION: The display device 1 includes a 1st transparent substrate 2 which is arranged most closely to the front side, i.e., an observer and a 2nd substrate 4 which is on the rear side, i.e., the farthest from the observer. Then this device is equipped with the filter 18 which can absorb at least visible. wavelength close to wavelength of 555 nm in a wavelength range of predetermined colors. This filter 18 is arranged on the observer side about the liquid crystal film CL, i.e., on the side of the 1st substrate 2. Therefore, the filter 18 can display its capacity fully and then improve the efficiency of the predetermined color, i.e., red in this case.



Data supplied from the *esp@cenet* database - Worldwide